



partial
discharges
indicator



Partial discharges under control

Features

Test PD is a compact, portable device designed for the effective testing of cable heads and cable joints that are live – voltage at least 6 kV.

The device is easy to use thanks to the **advanced system integrated into its software**, which allows the user to quickly evaluate the condition of the analysed object. This makes the device user-friendly for service personnel, not requiring a special training.

To test a cable joint, switch on Test PD, install it on an insulating stick and bring it close to the tested object. The information about the current joint condition will be immediately displayed in the form of 4-colour histograms and a cross-section of the high voltage cable.

The **Sonef TestPD** mobile application for Android devices allows for remote reading of the instrument's indications.

Sensors

- Acoustic ultrasonic sensor for partial discharge measurement (AC, 40 kHz).
- Electromagnetic high-frequency sensor for partial discharge measurement (HF, 0.1...2 MHz).
- Capacitive VHF sensor for partial discharge measurement (VHF, 2...100 MHz).
- Non-contact pyrometer (-40°C ...+120°C),
- Industrial current frequency sensor for synchronization of measurements (N)



Specifications

Measurement functions

Partial discharge frequency range

AC	40 kHz
HF	0.1...2 MHz
VHF	2...100 MHz

Measured pulse dynamic range

AC	80 dB
HF	60 dB
VHF	60 dB

Measured temperature range

-40...+120°C

Work conditions

Battery	Li-Ion 18650 battery
Dimensions	205 x 85 x 75 mm
Weight	0.3 kg
Operating temperature	-20...+40°C
Humidity	95%

Communication

Data transmission	Bluetooth 4.1
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Standard accessories



Transportation case



UDI-M6 adapter
for connecting an
insulating stick

WAADAAUDIM6



Euro-M6 adapter
for connecting an
insulating stick

WAADAEUROM6



Charger with
USB port



USB-microUSB cable



User manual

